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ning of each regular issue of the PCT Gazette.

(54) Title: GLASS COMPOSITIONS FOR THE PRODUCTION OF LEAD-FREE CRYSTALS

(57) Abstract: The invention refers to glass compositions for the production of lead-free crystals, having a density greater than 2.4g/cm³, a refractory index of at least 1.51 and high resistance to chemical attack, characterized by comprising, by weight: from about 50% to about 75% of SiO₂; from about 0,1% to about 1% of As₂O₃; from about 5% to about 15% of K₂O; from about 2% to about 6% of Na₂O; from about 3% to about 12% of CaO; from about 0,1% to about 5% of BaO; from about 0,1% to about 10% of Nb₂O₅; and, up to 5% of other elements.